



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of Environmental Quality

Amanda Smith
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

November 29, 2010

DIVISION OF WATER QUALITY UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY PUBLIC NOTICE OF ISSUANCE OF A UPDES PERMIT

PURPOSE OF PUBLIC NOTICE

THE PURPOSE OF THIS PUBLIC NOTICE IS TO DECLARE THE STATE OF UTAH'S INTENTION TO ISSUE A UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES) PERMIT UNDER AUTHORITY OF THE UTAH WATER QUALITY ACT, SECTION 19-5-104 AND 107, UTAH CODE ANNOTATED 1953, AS AMENDED. SAID "PERMIT" REFERS TO UPDES PERMIT AND THE STATEMENT OF BASIS (INCLUDING THE TOTAL MAXIMUM DAILY LOADS (TMDL'S)) IF APPLICABLE, AS PER SECTION 303 (d) OF THE FEDERAL CLEAN WATER ACT (CWA).

PERMIT INFORMATION

PERMITTEE NAME:	Southwest Groundwater Treatment Plant
MAILING ADDRESS	8215 South 1300 West, West Jordan, UT 84088
TELEPHONE NUMBER:	(801) 565-4300
FACILITY LOCATION:	8215 South 1300 West, West Jordan, UT 84088
UPDES PERMIT NO.:	UT0025836
OUTFALLS:	001 and 002
RECEIVING WATERS:	Gilbert Bay of the Great Salt Lake and the Jordan River

BACKGROUND

The Southwest Groundwater Project will remediate groundwater contaminated from historic mining activities in southwest Salt Lake County. This project will improve groundwater quality and prevent further contaminant migration in the Salt Lake Valley. The project will extract groundwater with elevated total dissolved solids (salts) via a series of deep aquifer wells and purify the extracted water utilizing a Reverse Osmosis (RO) treatment process. The project will also extract groundwater from shallow wells with elevated total dissolved solids that have not been impacted by mining activities. The Southwest Groundwater project is owned and operated by the Jordan Valley Water Conservancy District (JVWCD). The drinking quality water generated will be distributed by JVWCD to its member agencies for supply to their drinking water systems. RO byproduct water (i.e. concentrate), containing the extracted salts from the treated water, will be routed via a 21 mile pipeline to Gilbert Bay of the Great Salt Lake. Excess feed water from pressure relief valves of the shallow aquifer treatment trains of the RO plant will be discharged to the Jordan River.

PUBLIC COMMENTS

Public comments are invited any time prior to the deadline of the close of business on February 1, 2011. Written public comments can be submitted to: Kim Shelley, UPDES Engineering Section, Utah Division of Water Quality, P.O. Box 144870, Salt Lake City, Utah 84114-4870 or by email at: kshelley@utah.gov. After considering public comment the Utah Water Quality Board may execute the permit issuance, revise it, or abandon it.

The permit is available for public review under "Public Notices" at www.waterquality.utah.gov/. If internet access is not available, a copy may be obtained by calling Kim Shelley at 801-536-4385.

195 North 1950 West • Salt Lake City, UT
Mailing Address: P.O. Box 144870 • Salt Lake City, UT 84114-4870
Telephone (801) 536-4300 • Fax (801) 536-4301 • T.D.D. (801) 536-4414

www.deq.utah.gov

Printed on 100% recycled paper

